

# Converting Colors

Hex(7A1772)

Have a look what the booklet for  
Hex(7A1772) contains.

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**Color**

**Hex(7A1772)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A1772
RGB	122, 23, 114
RGB Percent	48%, 9%, 45%
CMY	0.5216, 0.9098, 0.5529
CMYK	0.00, 0.81, 0.07, 0.52
HSL	305°, 68%, 28%
HSV	305°, 81%, 48%
XYZ	11.3697, 5.9653, 16.4718
YIQ	62.9750, 29.7930, 49.2890

# Conversions

## Conversions Part 2

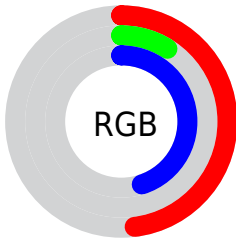
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 23, 114
Decimal	8001394
CIE <sub>Lab</sub>	29.32, 51.00, -28.42
CIE <sub>LCh</sub>	29, 58.382, 330.869
Yxy	5.9653, 0.3363, 0.1765
Android (android.graphics.Color)	4286191474 (0xFF7A1772)
YUV	62.9750, 25.1553, 51.7649
Hunter-Lab	24.4239, 40.3526, -22.8891

# Details

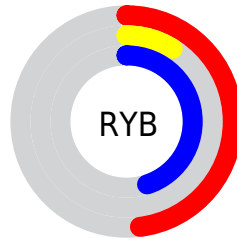
The Hex color **7A1772** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **177A1F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **B150A6**, and **450041** is the 20% darker color. If you saturate the color by 10%, you get **7A0B71**, and if you desaturate by 10%, it is **7A2373**.

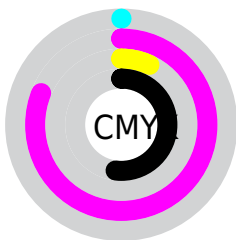
# Distribution



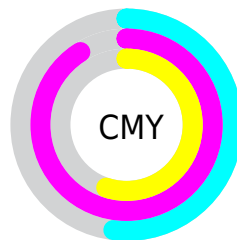
- Red (48%)
- Green (9%)
- Blue (45%)



- Red (48%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (81%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A1772 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7A1772 by changing the saturation by 10% instead.



 7A1772

 7A1772

FFFFFF

 5F0059

 B150A6

 450041

 CE6AC2

 2F002B

 EB85DE

 010015

 FFA1FA

 000000

 FFBDFE

 FFD9FF

 FFF6FF

 7A1772

 7A1772

■ 7A0B71

■ 7A2373

■ 7A0070

■ 7A2F74

■ 7A3C75

■ 7A4876

■ 7A5477

■ 7A6078

■ 7A6C79

■ 7A797A

■ 7A857B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3D3894



7A1772



900046

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7A1772



544400



005873

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7A1772



177A1F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005745



7A1772



264F00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7A1772



773000



005514



005595

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7A1772



900028



005514



005864



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7A1772



9E789B



1E177A



4F384D



CFCFCF



4F4F4F



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7A1772



9E0592



7A1742



3D373D



7D0073



FC00E8



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7A1772



9E0592



177A4F



3D373D



7D0073

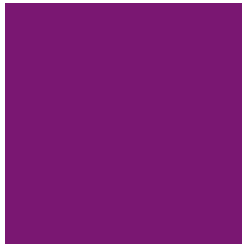


FC00E8



# Previews

## White Background



This preview shows how the Hex color 7A1772 looks on a white background.

## Color Contrast Check

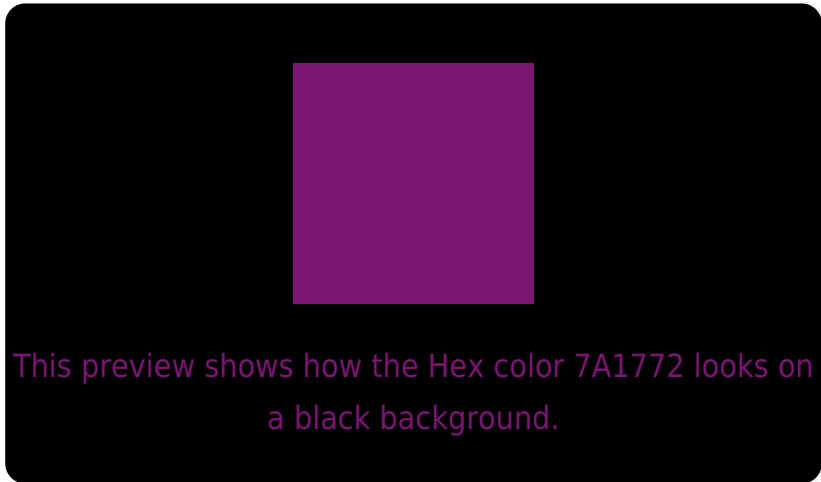
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

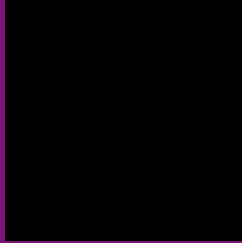
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A1772 Background



This preview shows how black text looks on a background with the Hex color 7A1772.




This preview shows how white text looks on a background with the Hex color 7A1772.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
743134

# Trichromacy



**Original Color**

7A1772



**Protanomaly**

2C3486



**Deuteranomaly**

4E366E



**Tritanomaly**

76284B

# Monochromacy



**Original Color**

7A1772



**Achromatopsia**

3F3F3F



**Achromatomaly**

543052

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A1772 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7A1772 looks like.

```
.text, #text, p{  
    color:#7A1772  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7A1772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1772
}
```

## Border

The CSS property to change the border of an element to Hex 7A1772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

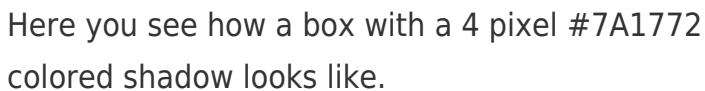
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A1772 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7A1772 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7A1772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1772; -webkit-box-shadow:4px 4px  
4px 4px #7A1772; box-shadow:4px 4px 4px  
4px #7A1772 }
```

# Background

The CSS property to change the background color of an element to Hex 7A1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1772 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7A1772 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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